

**§ 75.1722 Mechanical equipment guards.**

(a) Gears; sprockets; chains; drive, head, tail, and takeup pulleys; flywheels; couplings; shafts; sawblades; fan inlets; and similar exposed moving machine parts which may be contacted by persons, and which may cause injury to persons shall be guarded.

(b) Guards at conveyor-drive, conveyor-head, and conveyor-tail pulleys shall extend a distance sufficient to prevent a person from reaching behind the guard and becoming caught between the belt and the pulley.

(c) Except when testing the machinery, guards shall be securely in place while machinery is being operated.

[38 FR 4976, Feb. 23, 1973]

**§ 75.1723 Stationary grinding machines; protective devices.**

(a) Stationary grinding machines other than special bit grinders shall be equipped with:

(1) Peripheral hoods (less than 90° throat openings) capable of withstanding the force of a bursting wheel.

(2) Adjustable tool rests set as close as practical to the wheel.

(3) Safety washers.

(b) Grinding wheels shall be operated within the specifications of the manufacturer of the wheel.

(c) Face shields or goggles, in good condition, shall be worn when operating a grinding wheel.

[38 FR 4976, Feb. 23, 1973]

**§ 75.1724 Hand-held power tools; safety devices.**

Hand-held power tools shall be equipped with controls requiring constant hand or finger pressure to operate the tools or shall be equipped with friction or other equivalent safety devices.

[38 FR 4976, Feb. 23, 1973]

**§ 75.1725 Machinery and equipment; operation and maintenance.**

(a) Mobile and stationary machinery and equipment shall be maintained in safe operating condition and machinery or equipment in unsafe condition shall be removed from service immediately.

(b) Machinery and equipment shall be operated only by persons authorized to operate such machinery or equipment.

(c) Repairs or maintenance shall not be performed on machinery until the power is off and the machinery is blocked against motion, except where machinery motion is necessary to make adjustments.

(d) Machinery shall not be lubricated manually while in motion, unless equipped with extended fittings or cups.

[38 FR 4976, Feb. 23, 1973]

**§ 75.1726 Performing work from a raised position; safeguards.**

(a) Men shall not work on or from a piece of mobile equipment in a raised position until it has been blocked in place securely. This does not preclude the use of equipment specifically designed as elevated mobile work platforms.

(b) No work shall be performed under machinery or equipment that has been raised until such machinery or equipment has been securely blocked in position.

[38 FR 4976, Feb. 23, 1973]

**§ 75.1727 Drive belts.**

(a) Drive belts shall not be shifted while in motion unless the machines are provided with mechanical shifters.

(b) Belt dressing shall not be applied while belts are in motion except where it can be applied without endangering a person.

[38 FR 4976, Feb. 23, 1973]

**§ 75.1728 Power-driven pulleys.**

(a) Belts, chains, and ropes shall not be guided onto power-driven moving pulleys, sprockets, or drums with the hands except on slow-moving equipment especially designed for hand feeding.

(b) Pulleys of conveyors shall not be cleaned manually while the conveyor is in motion.

(c) Coal spilled beneath belt conveyor drives or tail pieces shall not be removed while the conveyor is in motion, except where such coal can be removed without endangering persons.

[38 FR 4976, Feb. 23, 1973]

**§ 75.1729 Welding operations.**

Welding operations shall be shielded and the area shall be well ventilated.

[38 FR 4976, Feb. 23, 1973]

**§ 75.1730 Compressed air; general; compressed air systems.**

(a) All pressure vessels shall be constructed, installed, and maintained in accordance with the standards and specifications of Section VIII "Unfired Pressure Vessels," of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (1971), which is hereby incorporated by reference and made a part hereof. This document may be purchased for \$25 from the American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017; and it is available for examination in every Coal Mine Health and Safety District and Subdistrict Office.

(b) Compressors and compressed-air receivers shall be equipped with automatic pressure-relief valves, pressure gages, and drain valves.

(c) Repairs involving the pressure system of compressors, receivers, or compressed-air-powered equipment shall not be attempted until the pressure has been relieved from that part of the system to be repaired.

(d) At no time shall compressed air be directed toward a person. When compressed air is used, all necessary precautions shall be taken to protect persons from injury.

(e) Safety chains, suitable locking devices, or automatic cut-off valves shall be used at connections to machines of high-pressure hose lines of three-fourths of an inch inside diameter or larger, and between high-pressure hose lines of three-fourths of an inch inside diameter or larger, where a connection failure would create a hazard. For purposes of this paragraph, high-pressure means pressure of 100 p.s.i. or more.

[38 FR 4976, Feb. 23, 1973]

**Subpart S—Approved Books and Records**

**§ 75.1800 Scope.**

(a) The provisions of this Subpart S set forth the requirements for record-

ing the results of certain tests and examinations conducted in underground coal mines. In addition, it specifies the approved books in which such results are to be recorded and the manner in which they shall be maintained.

(b) The approved books required to be maintained in accordance with the provisions of §§ 75.1801 through 75.1808 shall be secured by each operator from commercial sources. Facsimile copies of Mine Safety and Health Administration Forms 6-1331, 6-1489, 6-1490, 6-1491, 6-1492, 6-1493, and 6-1494, have been filed with the Office of the Federal Register, General Services Administration, Washington, DC 20408, and sample copies of each of these forms are available for the use of commercial printers or operators at each District or Subdistrict Coal Mine Health and Safety Office of the Mine Safety and Health Administration.

(c) When the District Manager has determined that record books kept in satisfaction of State requirements provide the information specified in any record book required by this Subpart S, and so advises the operators of mines located in that State, such approved State record books will be accepted in lieu of the record books specified in this subpart S.

**§ 75.1806 Monthly examination of surface high voltage circuit breakers; recording requirements; approved books.**

The results of monthly examinations of high voltage circuit breakers on the surface required to be conducted under the provisions of §§ 75.800, 75.800-3, and 75.800-4, shall be recorded in a book entitled "Monthly Examination of Surface High Voltage Circuit Breakers" (Mine Safety and Health Administration Form 6-1493, Budget Bureau No. 42-R1589, March 1970).

[35 FR 17890, Nov. 20, 1970, as amended at 60 FR 33723, June 29, 1995]

**§ 75.1808 Maintenance of approved books and records; requirements.**

All approved books and records maintained under the provisions of §§ 75.1801 through 75.1807 shall be stored in a fire-proof repository on the surface of the mine chosen by the mine operator to minimize their destruction by fire or